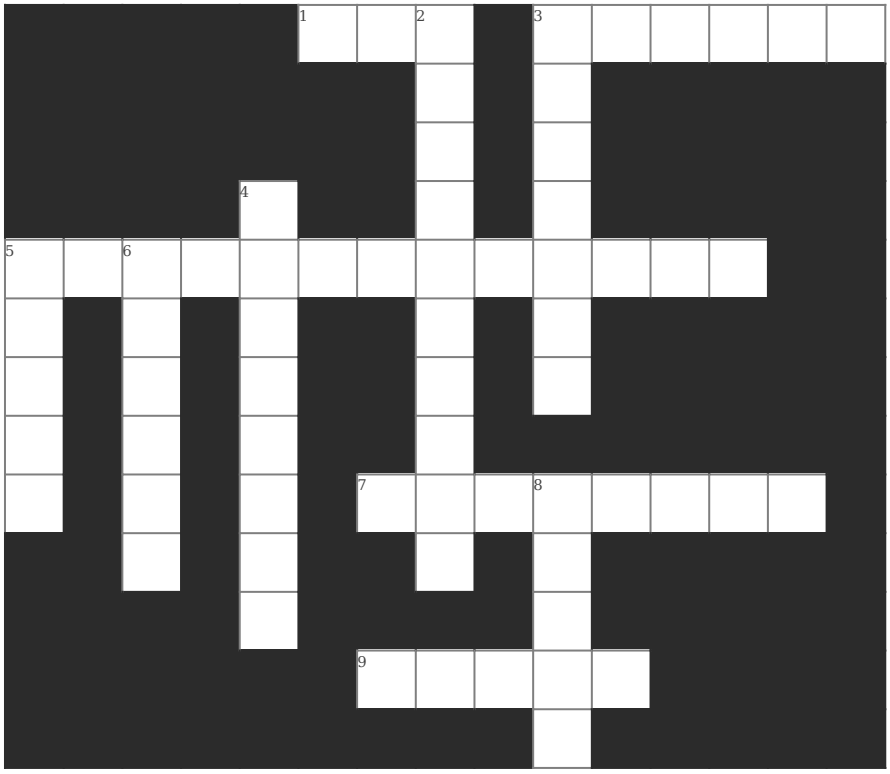
Part 7b · The Crossword

Same rules as an ordinary crossword — but every word is maths vocabulary from this chapter.



ACROSS

1. A part of the circumference of a circle
3. Region enclosed by two radii and an arc
5. Distance all the way round a circle
7. A chord that passes through the centre
9. The larger of a pair of sectors or segments

DOWN

2. Circles that share the same centre
3. Region enclosed by a chord and an arc
4. A sector with angle ninety degrees
5. A line segment joining two points on a circle
6. Distance from centre to any point on a circle
8. The smaller of a pair of sectors or segments

Every pizza slice, brooch, umbrella panel and racetrack in this chapter is just a fraction of a circle — find the angle, apply the fraction, and the area follows. □□